

III. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all previous listings.

1-11. (cancelled)

12. (withdrawn) A safety system for a roller grinding mill, comprising:

a rotary milling surface; and

at least six milling rollers,

wherein more than four milling rollers are arranged in facing pairs on the rotary milling surface such that at least four milling rollers are continuously available and four milling rollers of two pairs of milling rollers provide approximately 80% of the full milling capacity of the roller mill.

13. (withdrawn) The safety system of claim 12, wherein the more than four milling rollers includes six milling rollers arranged in three facing pairs and the six milling rollers provide approximately 100% redundancy of four milling rollers arranged in two facing pairs.

14. (withdrawn) The safety system of claim 13, further comprising:

a pedestal and a rocking lever for supporting each milling roller; and

a hydropneumatic spring suspension system for each pair of milling rollers.

15. (withdrawn) The safety system of claim 12, wherein at least one pair of the more than four milling rollers may be moved from an operating position to a service position and the roller grinding mill can be operated using as few as four milling rollers arranged in facing pairs.

16. (withdrawn) A method for operating a roller mill, the method comprising:
arranging more than four milling rollers in facing pairs on a rotary milling surface such that at least four milling rollers are continuously available and that four milling rollers of two pairs of milling rollers provide approximately 80% of the full milling capacity of the roller mill.

17. (withdrawn) The method of claim 16, wherein at least one pair of the more than four milling rollers may be moved from an operating position to a service position and the roller grinding mill can be operated using as few as four milling rollers arranged in facing pairs.

18. (withdrawn) The method of claim 17, wherein the as few as four milling rollers arranged in facing pairs provide approximately 80% of the full milling capacity of the roller mill.

19. (previously presented) A method for the production of cement in a combined plant having a cement raw material plant, the method comprising:

drying a quantity of cement raw material using a supply of hot gas ~~using a roller-mill;~~

grinding the quantity of cement raw material in a roller grinding mill in the presence of the supply of hot gas to produce a raw powder-gas mixture, the roller grinding mill having:

a rotary milling surface; and

six milling rollers arranged in facing pairs adjacent the rotary milling surface wherein each pair of the six milling rollers is operable to swing out from the rotary milling surface;

classifying the raw powder-gas mixture using a classifier;

separating the raw powder using at least one of a cyclone unit or a filter; and

feeding the separated raw powder to at least one of a precalciner or a rotary kiln

~~wherein the roller mill includes more than four milling rollers arranged in facing pairs on a rotary milling surface such that the more than four milling rollers provide approximately 100% redundancy of four milling rollers arranged in two facing pairs and that four milling rollers arranged in two facing pairs provide approximately 80% of the full milling capacity of the roller mill.~~

20. (cancelled)

21. (currently amended) The method of claim 19, wherein the roller grinding mill further comprises: a pedestal and a rocking lever for supporting each milling roller; and a hydropneumatic spring suspension system for each pair of milling rollers.

22. (currently amended) The method of claim 21, further comprising:
moving at least one pair of milling rollers from an operating position to a service position; and
operating the roller grinding mill using ~~as few as~~ four milling rollers arranged in facing pairs.

23. (new) The method of claim 22, wherein the operating the roller grinding mill using four milling rollers provides approximately 80% of the grinding capacity of the roller grinding mill when operated using six milling rollers.

24. (new) The method of claim 19, wherein the drying and the grinding occur substantially simultaneously.